

WHAT IS CLAIMED IS:

1. A gas barrier laminated film wherein a gas barrier layer (B) has been formed on at least one surface of a film substrate (A), the gas barrier layer (B) being comprised of a composition (b3) of an ethylene-vinyl alcohol copolymer (b1) having an ethylene content of 1~19 mol % and (meth)acrylic acid polymer (b2).
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2. A gas barrier laminated film according to claim 1, wherein an inorganic oxide vapor deposition layer (a1) having been formed on the surface of the film substrate (A), and the gas barrier layer (B) is formed on the film substrate (A) through the vapor deposition layer (a1).
- 10 3. A gas barrier laminated film according to claim 1 or 2, wherein the film substrate (A) is a biaxially stretched film.
4. A gas barrier laminated film according to claim 3, wherein the film substrate (A) is a biaxially stretched polyester film.
5. A gas barrier laminated film according to claim 3, wherein the biaxially stretched film is a biaxially stretched polypropylene film.
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6. A gas barrier laminated film according to claim 1, wherein the composition (b3) is 95~10 weight % of the ethylene-vinyl alcohol copolymer (b1) and 5~90 weight % of (meth)acrylic acid polymer (b2).
7. A gas barrier laminated film according to any one of the claims 1~6, wherein the composition (b3) has been crosslinked.
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8. A gas barrier laminated film according to any one of the claims 1~6, wherein the (meth)acrylic acid polymer (b2) has been neutralized partially.
9. A gas barrier laminated film according to claim 8, wherein 3~15% of the (meth)acrylic acid polymer (b2) has been neutralized partially.
- 25 10. A gas barrier laminated film according to any one of the claims 5~9,

wherein a layer of a modified propylene polymer (a2) has been formed on the biaxially stretched polypropylene film and the gas barrier layer (B) is formed on the film (A) through the layer of the modified propylene polymer layer (a2).

11. A gas barrier laminated film according to claims 9 or 10, wherein the
5 modified propylene polymer (a2) has been graft-modified with an unsaturated carboxylic acid or a derivative thereof.

12. A process for producing a gas barrier laminated film, which comprises coextruding polypropylene and the modified propylene polymer (a2) to form a laminated sheet, coating the composition (b3) of the ethylene-vinyl alcohol copolymer
10 (b1) having an ethylene content of 1~19 mol % and the (meth)acrylic acid polymer (b2) on the laminated sheet at the side of the layer of the modified propylene polymer (a2), and biaxially stretching the resultant laminated film.

13. A process for producing a gas barrier laminated film, which comprises coextruding polypropylene and the modified propylene polymer (a2) to form a
15 laminated sheet, stretching the laminated sheet in longitudinal direction, coating the composition (b3) of the ethylene-vinyl alcohol copolymer (b1) having an ethylene content of 1~19 mol % and the (meth)acrylic acid polymer (b2) on the laminated sheet at the side of the layer of the modified propylene polymer (a2), and stretching the resultant laminated film in lateral direction.

20 14. A process for producing a gas barrier laminated film according to claim 12 or 13, wherein the modified propylene polymer (a2) has been graft-modified with an unsaturated carboxylic acid or a derivative thereof.

15 15. A process for producing a gas barrier laminated film according to any one of the claims 12~14, wherein 3~15% of the (meth)acrylic acid polymer (b2) has
25 been neutralized partially.